

Kansas Department of Health and Environment  
Proposed New Regulations

Article 15a. Primary Drinking Water Regulations

MONITORING AND ANALYTICAL REQUIREMENTS

28-15a-21. Coliform sampling. Each person who operates a public water supply system shall comply with the monitoring and analytical requirements for coliforms contained in 40 CFR 141.21, as in effect on July 1, 2003 and hereby adopted by reference except for 141.21(a)(2) and (a)(3), which are replaced with the following text:

“(a)(2) The sampling period for microbiological compliance shall be one calendar month for all public water supply systems.

“(a)(3) Number of required samples.

“(i) Each public water supply system that uses surface water as its source of supply and serves a population of 4,100 or less shall take a minimum of four water samples each sampling period.

“(ii) Each public water supply system that uses surface water as its source of supply and serves a population greater than 4,100 shall take water samples according to the schedule prescribed in subsection (a)(3)(iv).

“(iii) Each public water supply system that uses groundwater as its source of supply and each public water supply system that purchases water from another public water supply system shall take water samples according to the schedule specified in paragraph (a)(3)(iv).

“(iv) Each public water supply system shall assure that routine samples are collected at regular time intervals and analyzed for total coliform bacteria as specified in the following table.

Population Served	Minimum number of samples per sampling period
25 to 2,500 .....	2
2,501 to 3,300 .....	3
3,301 to 4,100 .....	4
4,101 to 4,900 .....	5
4,901 to 5,800 .....	6
5,801 to 6,700 .....	7
6,701 to 7,600 .....	8
7,601 to 8,500 .....	9
8,501 to 12,900 .....	10
12,901 to 17,200 .....	15
17,201 to 21,500 .....	20
21,501 to 25,000 .....	25
25,001 to 33,000 .....	30
33,001 to 41,000 .....	40
41,001 to 50,000 .....	50
50,001 to 59,000 .....	60

59,001 to 70,000 . . . . .	70
70,001 to 83,000 . . . . .	80
83,001 to 96,000 . . . . .	90
96,001 to 130,000 . . . . .	100
130,001 to 220,000 . . . . .	120
220,001 to 320,000 . . . . .	150
320,001 to 450,000 . . . . .	180

For each additional 150,000 in population, an additional 30 water samples shall be analyzed per sampling period.” (Authorized by and implementing K.S.A. 65-171m; effective P-\_\_\_\_\_.)

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28-15a-23. Inorganic chemical sampling and analytical requirements. Each person who operates a public water supply system shall comply with the sampling and analytical requirements specified in 40 CFR 141.23, as in effect on July 1, 2003 and hereby adopted by reference, with the addition of the following text, which shall be added at the beginning of 40 CFR 141.23(c):

“Inorganic analysis for calcium, chloride, iron, magnesium, manganese, pH, potassium, silica, sodium, specific conductance, sulfate, total alkalinity, total dissolved solids, total hardness, and total phosphorus shall be required from each community water supply system with its own source of supply and from each non-transient, non-community water supply system with its own source of supply. Each person operating a groundwater system shall take one sample at each sampling point during each compliance period. Each person operating a surface water system (or combined surface water and groundwater system) shall take one sample annually at each sampling point.” (Authorized by and implementing K.S.A. 65-171m; effective P-\_\_\_\_\_.)

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28-15a-24. Requirements for sampling and analyzing organic chemicals. The provisions of 40 CFR 141.24, as in effect on July 1, 2003, are hereby adopted by reference. (Authorized by and implementing K.S.A. 65-171m; effective P-\_\_\_\_\_.)

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28-15a-25. Analytical methods for measuring radioactivity. The provisions of 40 CFR 141.25, as in effect on July 1, 2003, are hereby adopted by reference. (Authorized by and implementing K.S.A. 65-171m; effective P-\_\_\_\_\_.)

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28-15a-26. Frequency of monitoring for radioactivity. The provisions of 40 CFR 141.26, as in effect on July 1, 2003, are hereby adopted by reference. (Authorized by and implementing K.S.A. 65-171m; effective P-\_\_\_\_\_.)

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28-15a-27. Alternate analytical techniques. The provisions of 40 CFR 141.27, as in effect on July 1, 2003, are hereby adopted by reference. (Authorized by and implementing K.S.A. 65-171m; effective P-\_\_\_\_\_.)



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28-15a-28. Approved laboratories. The provisions of 40 CFR 141.28, as in effect on July 1, 2003, are hereby adopted by reference. (Authorized by and implementing K.S.A. 65-171m; effective P-\_\_\_\_\_.)

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28-15a-29. Monitoring of consecutive public water supply systems. The provisions of 40 CFR 141.29, as in effect on July 1, 2003, are hereby adopted by reference. (Authorized by and implementing K.S.A. 65-171m; effective P-\_\_\_\_\_.)